

Title (en)

FRACTAL DEVICE FOR MIXING AND REACTOR APPLICATIONS

Title (de)

FRAKTALVORRICHTUNG ZUM MISCHEN UND REAKTORANWENDUNGEN

Title (fr)

DISPOSITIF FRACTAL POUR APPLICATIONS DE REACTION ET DE MELANGE

Publication

EP 1392419 A4 20060308 (EN)

Application

EP 02731880 A 20020517

Priority

- US 0216007 W 20020517
- US 29176901 P 20010517

Abstract (en)

[origin: WO02092207A1] Two or more independent and offset fluid transporting fractals (6,7) allow the scaling and intermingling of two or more fluids separately and simultaneously prior to contacting the fluids with one another. The device provides rapid and homogeneous mixing and/or reaction.

IPC 8 full level

B01F 5/00 (2006.01); **B01F 5/06** (2006.01); **B01F 13/00** (2006.01); **B01J 19/00** (2006.01); **B01J 19/24** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)

B01F 25/40 (2022.01 - EP US); **B01F 25/41** (2022.01 - EP US); **B01F 35/7182** (2022.01 - EP US); **B01J 19/0053** (2013.01 - EP US); **B01J 19/0093** (2013.01 - EP US); **B01J 19/24** (2013.01 - EP US); **F28F 9/0275** (2013.01 - EP US); **F28F 9/0278** (2013.01 - EP US); **B01J 2219/00015** (2013.01 - EP US); **B01J 2219/00889** (2013.01 - EP US); **B33Y 80/00** (2014.12 - EP US); **F28D 2021/0052** (2013.01 - EP US)

Citation (search report)

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US 0216007 W 20020517; AT 02731880 T 20020517; DK 02731880 T 20020517; EP 02731880 A 20020517; ES 02731880 T 20020517; JP 2002589123 A 20020517; PT 02731880 T 20020517; RU 2003131974 A 20020517; US 15105202 A 20020517; US 44451906 A 20060531; US 85509804 A 20040527; ZA 200300297 A 20030110